

Postdoc in quantitative MPA/ fisheries management

Job Description: Lou Botsford (UC Davis), Will White (Oregon State) and Alan Hastings (UC Davis) seek a postdoctoral researcher to lead a project to: Develop models and assessments linking population dynamic responses inside MPAs to the management of nearshore fisheries. The State of California has implemented a network of 124 MPAs along its coastline through the Marine Life Protection Act (MLPA; <https://www.wildlife.ca.gov/Conservation/Marine/MPAs/FAQsite>). We have been collaborating with the California Department of Fish and Wildlife in the development of quantitative approaches to adaptive management of these MPAs. The postdoc will extend this work, producing analyses that will result in both journal publications and direct influence on resource management.

Position: The position will be in the Department of Wildlife, Fish, and Conservation Biology at the University of California, Davis. Mentors will be Botsford and Hastings, who are both members of the UCD Coastal and Marine Sciences Institute (CMSI), and Professor Will White of Oregon State University. The position could start as soon as January 1, 2019, and will last for two years, with an evaluation of progress after one year. This position is funded by a grant from the California Ocean Protection Council.

Qualifications: We seek individuals with a PhD in Ecology, Fisheries, Marine Science or related field and quantitative expertise in at least one of: MPAs, fisheries science, population dynamics, or spatial ecology. Applicants should be proficient in either Matlab or R. The work will be highly collaborative with travel and communication among state agencies. Individuals should be experienced and interested in working in interdisciplinary groups on cross-cutting issues.

Application: Interested candidates should submit: a) a one-page cover letter that includes your anticipated start date, b) your CV, and c) names and contact information of three other scientists familiar with your work. Please submit materials to Lou Botsford (lwbotsford@ucdavis.edu), with **Postdoc OPC/MPA application** in the subject. For full consideration, application and all materials must be received by December 1, 2018. Review of applications will begin on December 4, 2018, and positions will remain open until filled. Email any questions to Lou Botsford (lwbotsford@ucdavis.edu).

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